HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200310705-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Christopher Oriakhi, et al. **Confirmation No.:**

Application No.: **Examiner:**

Filing Date: 10/3/03 **Group Art Unit:**

Title: SOLID FREE-FORM FABRICATION OF SOLID THREE-DIMENSIONAL OBJECTS

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

(X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

( ) under 37 CFR 1.97(c) together with either a:
( ) Statement under 37 CFR 1.97(e), or
( ) a $180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

( ) under 37 CFR 1.97 (d) together with a:
( ) Statement under 37 CFR 1.97(e)(1) or (2), and
( ) a $180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of $0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

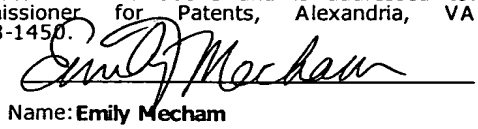
( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EV 329 938 049 US**

Date of Deposit **10/3/03**

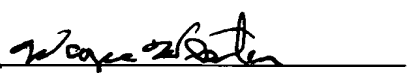
I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By 

Typed Name: **Emily Mecham**

Respectfully submitted,

Christopher Oriakhi, et al.

By 

M. Wayne Western

Attorney/Agent for Applicant(s)
Reg. No. **22,788**

Date: **10/3/03**

Telephone No.: **(801) 566-6633**

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. **200300746-1**	APPLICATION NO.	CONFIRMATION NO.
	APPLICANT **Oriakhi et al.**		
	FILING DATE	GROUP	

REFERENCE DESIGNATION **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A				
	2B				
	2C				
	2D				
	2E				
	2F				
	2G				
	2H				
	2I				
	2J				
	2K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L					
	2M					
	2N					
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	Evans, J.R.G., "Direct Ink Jet Printing of Ceramics: Experiment in Teleology," BRITISH CERAMIC TRANSACTIONS, Vol. 100, No. 3, 2001.
	2R	Song, Jin Hua, Mohan J. Edirisinghe, and Julian R.G. Evans, "Formulation and Multilayer Jet Printing of Ceramic Inks," JOURNAL OF THE AMERICAN CERAMIC SOCIETY, 82 (12) 3374-80 (1999).
	2S	Merlin, Fabrice, Helene Lombois, Stephane Joly, Nicolas Lequeux, Jean-Louis Halary and Henri Van Damme, "Cement-polymer and clay-polymer nan- and meso-composites: spotting the difference," J. MATER. CHEM., 2002, 12, 3308-3315.

EXAMINER	DATE CONSIDERED

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EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	5,204,055	4/20/1993	Sachs et al.	
	1B	5,387,380	2/7/1995	Cima et al.	
	1C	5,740,051	4/14/1998	Sanders, Jr. et al.	
	1D	5,902,441	5/11/1999	Bredt et al.	
	1E	6,146,567	11/14/2000	Sachs et al.	
	1F	6,165,406	12/26/2000	Jang et al.	
	1G	6,259,962	7/10/2001	Gothait	
	1H	2002/0016386	2/7/2002	Napadensky	
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	Lembo, John, "Three Dimensional Printing," ADVANCED MATERIALS & PROCESSES, January 2002.
	1R	Brown, Paul Wencil, "Cements Research Progress 1990."
	1S	Blazdell, P.F. and J.R.G. Evans, "Preparation of Ceramic Inks for Solid Freeforming Using a Continuous Jet Printer," JOURNAL OF MATERIALS SYMTHESIS AND PROCESSING, Vol. 7, No. 5, 1999.

EXAMINER	DATE CONSIDERED